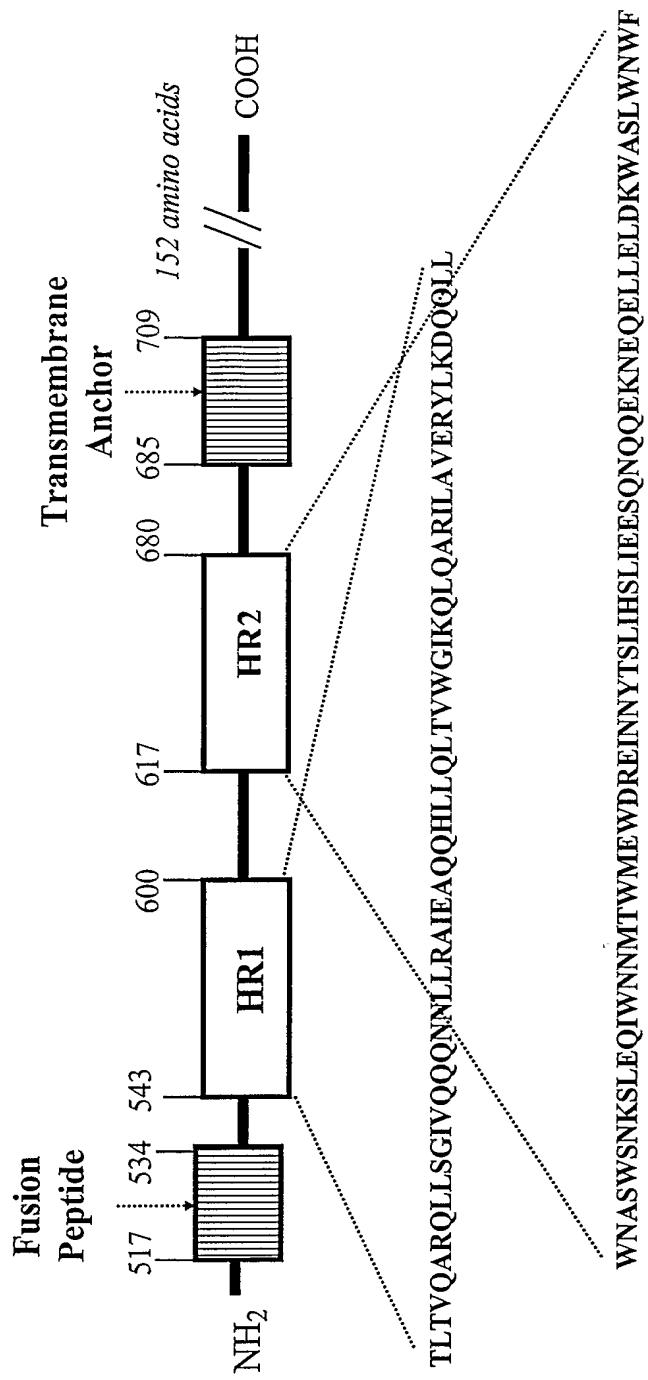


1/6

FIG. 1



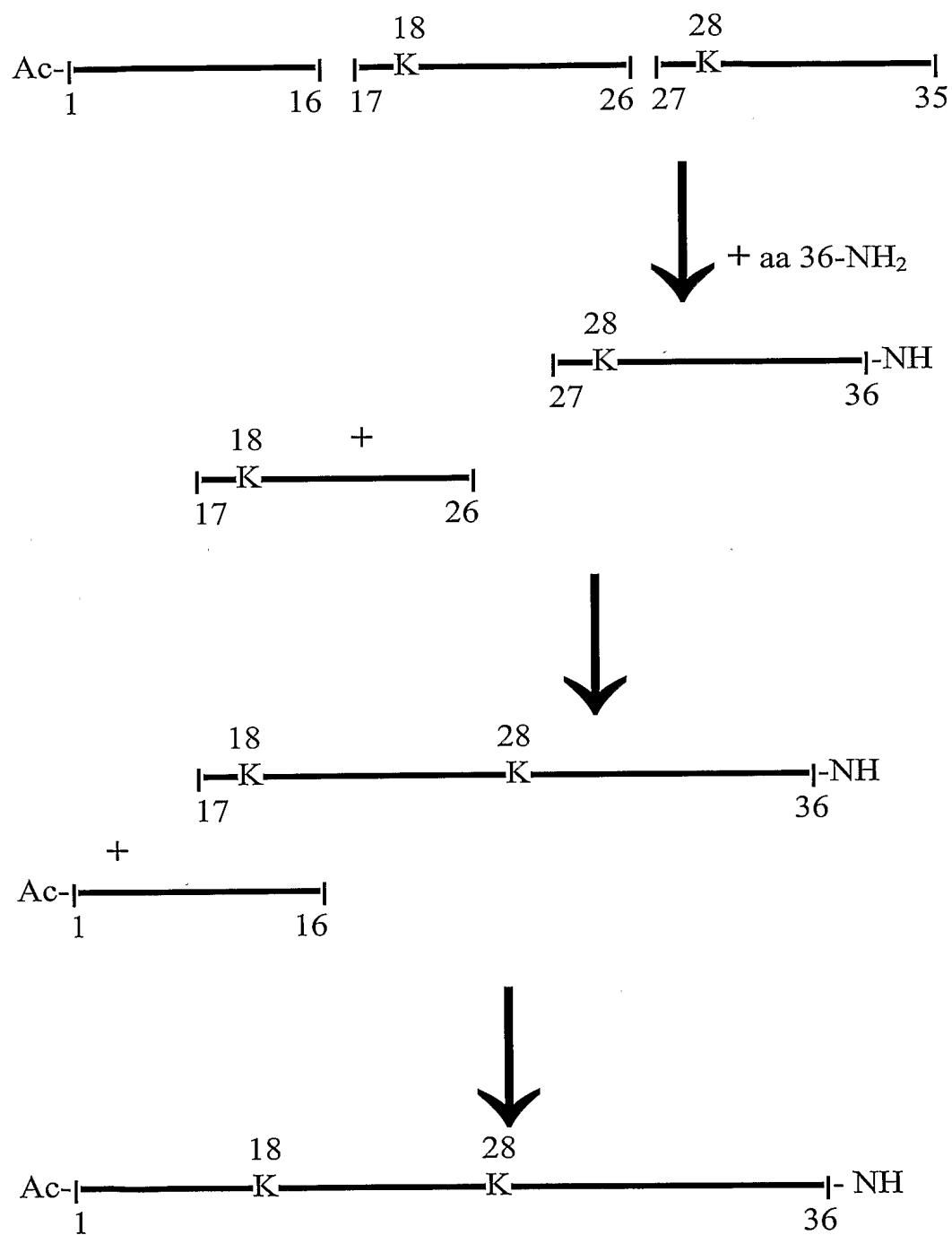
## 2/6

	10	20	30	40
T-21	--NNLLRAIEAQHQHLLQLTVWGIKQLQARILAVERYLKDQ			
Gp41bru.pro	QQ	.....	.....	Q
Gp41hxb2.PRO	QQ	.....	.....	Q
PNL4-3 gp41.PRO	QQ	.....	.....	Q
Ug273-A.pro	QQS	.....K	.....L	.....R.....Q
Us2-B.pro	QQ	.....	.....V	.....Q
Ug268-C.pro	QQ	.....M	.....T.V..I	.....Q..Q
Se365-D.pro	QQ	.....	.....	.....R.....Q
CM240-E.pro	QQS	.....	.....V	.....K
Bz126-F.pro	QQ	.....	.....V	.....Q..Q
HH8793-G.pro	QQS	.....	.....V..L	.....R.....Q
ENV_HV1BN	QQ	.....M	.....M.E	.....V
ENV_HV1C4	QQ	.....K	.....	.....Q
ENV_HV1KB	QQ	.....D	.....	.....Q
_VCLJH00	QQ	.....K	.....	.....Q
ENV_HV1B8	QQ	.....G	.....	.....Q
ENV_HV1Z8	QQ	.....M	.....V	.....S.....Q
1	QQT	M.K	.....V	.....Q
2	QQTS	.....	.....V	.....R.....Q
3	QQ	D.....M	.....V..L.G..Q..Q	.....Q
4	QQ	M.....M	.....V	.....R.....Q
5	QQS	M.....L..MV	.....V	.....Q
6	QQS	M.....M	.....V	.....Q
7	QQX	.....M	.....V..L	.....R.....Q
8	QQ	D...G.D.P.....W	.....V	.....RG..Q
9	QQ	S..Q.....RM	.....V	.....Q
10	QQ	D.....R	.....V..L	.....R.....Q
11	QQT	M.....S	.....V	.....Q
12	QRS	K.....QMWR.....F	.....L	.....Q
13	QQ	.....M	.....R..V..I	.....Q
14	QQS	.....	.....PG	.....Q
15	QQ	.....	.....V..K..R	.....Q
16	ER.K.R	.....M	.....V..S	.....Q
17	HQS	.....	.....V	.....R..Q
18	QQ	D...G.D.P.....V	.....V	.....RG..Q

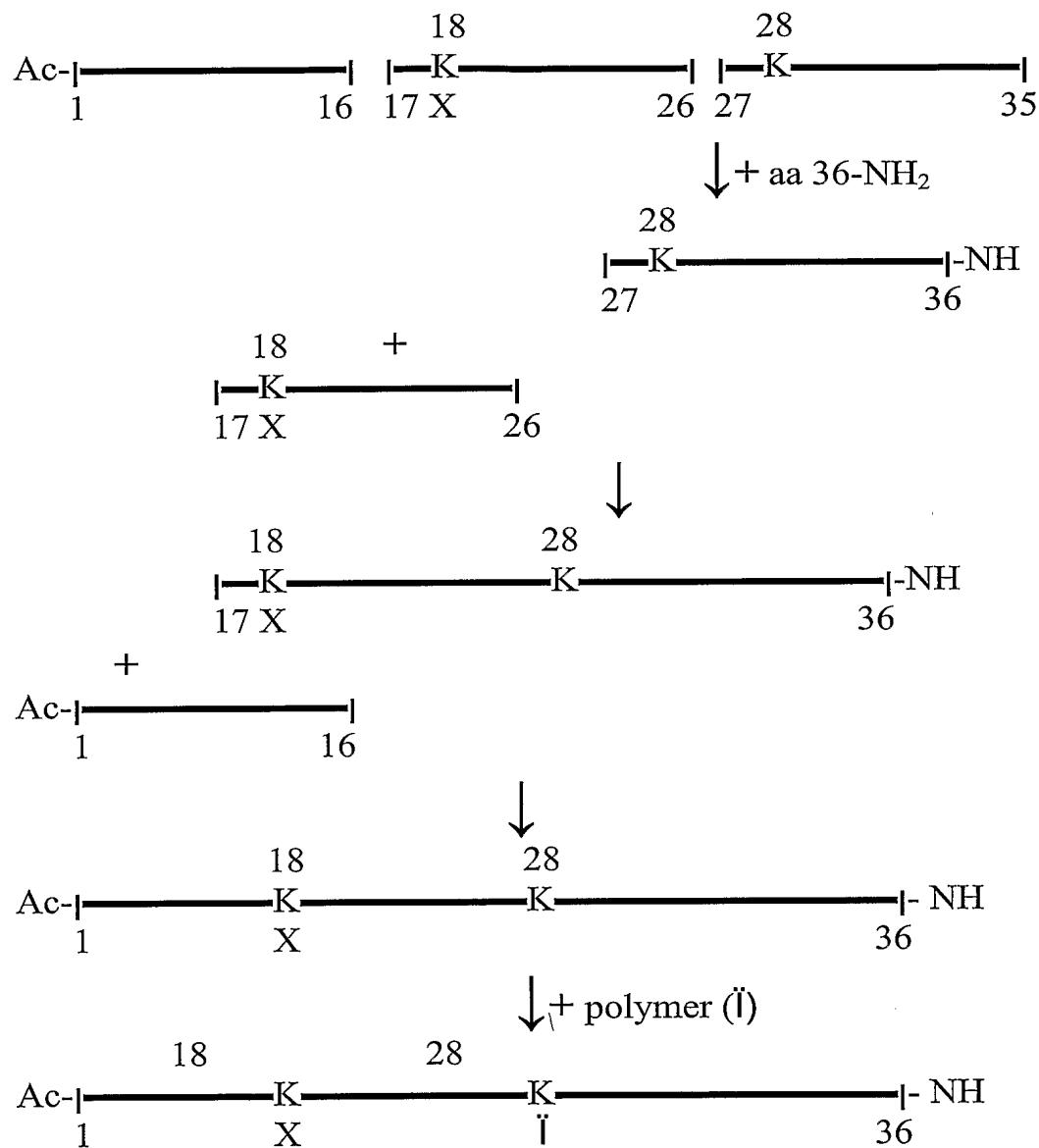
FIG. 2

3/6  
**FIG. 3**

MTWMEWDREINNYTSлиHSLIEESQNQQEKNEQELL				<u>Isolate</u>
10	20	30		
624	MTWMEWDREINNYTSлиHSLIEESQNQQEKNEQELL			NL4-3
631	MTWMEWDREINNYTSлиHSLIEESQNQQEKNEQELL			LAV1a
626	TTWMEWDREINNYTSлиHSLIEESQNQQEKNEQELL			IIIB
626	TTWMEWDREINNYTSлиHSLIEESQNQQEKNEQELL			HXB2
619	MTWMQWEKEINNYTGLIYNLIEESQNQQEKNEQELL			DH12
	MTWMEWDREINNYTSлиHSLIEESQNQQEKNEQELL			BRU
	TTWMEWDREINNYTSлиHSLIEESQNQQEKNEQELL			HXB2
	MTWMEWDREINNYTSлиHSLIEESQNQQEKNEQELL			pNL4-3
625	MTWLQWDKEISNYTNIIYDLIEEAQNQQEKNEQDLL			Ug273-A
623	MTWMEWEREIDNYTNTIYTLLEESQLQQEKNEQELL			Us2-B
619	MTWMQWDREISNYTGTIYRLLEDSQLQQEKNEKDLL			Ug268-C
	MTWMEWEREIDNYTGLIYSLIEESQTQQEKNEQELL			Se365-D
620	MTWIEWEREISNYTNQIYEILTESQNQQDRNEKDLL			CM240-E
612	MTWMEWEKEISNYSYEIYRLIEQSQNQQEKNEQELL			Bz126-F
613	MTWIQWDREISNYTQQIYSLIEESQNQQEKNEQDLL			HH8793-G

4/6  
**FIG. 4**

5/6  
**FIG. 5**



6/6  
**FIG. 6**

